

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

11003 U.S. PTO
10/020139
12/18/01

10 30 50
CACGAGATTT CATGAGCATCCTCCTCTAAACGCGTGTCAAGACAAAAGATGCTTCAGCTT
M L Q L
70 90 110
TGGAACTTGTTCTCCTGTGCGGCGTGCTCACTGGGACCTCAGAGTCTCTTCTTGACAAT
W K L V L L C G V L T G T S E S L L D N
130 150 170
CTTGGAATGACCTAAGCAATGTCGTGGATAAGCTGGAACCTGTTCTTCACGAGGGACTT
L G N D L S N V V D K L E P V L H E G L
190 210 230
GAGACAGTTGACAATACTCTTAAAGGCATCCTTGAGAACTGAAGGTCGACCTAGGAGTG
E T V D N T L K G I L E K L K V D L G V
250 270 290
CTTCAGAAATCCAGTGCTTGGCAACTGGCCAAGCAGAAGGCCAGGAAGCTGAGAAATTG
L Q K S S A W Q L A K Q K A Q E A E K L
310 330 350
CTGAACAATGTCATTTCTAAGCTGCTTCCAATAACACGGACATTTTGGGTTGAAAATC
L N N V I S K L L P T N T D I F G L K I
370 390 410
AGCAACTCCCTCATCCTGGATGTCAAAGCTGAACCGATCGATGATGGCAAAGGCCTTAAC
S N S L I L D V K A E P I D D G K G L N
430 450 470
CTGAGCTTCCCTGTCACCGCGAATGTCACTGTGGCCGGGCCCATCATGGCCAGATTATC
L S F P V T A N V T V A G P I I G Q I I
490 510 530
AACCTGAAAGCCTCCTTGACCTCCTGACCGCAGTCACAATTGAACTGATCCCCAGACA
N L K A S L D L L T A V T I E T D P Q T
550 570 590
CACCAGCCTGTTGCCGTCCTGGGAGAATGCCCGAGTGACCCAACCAGCATCTCACTTTCC
H Q P V A V L G E C A S D P T S I S L S
610 630 650
TTGCTGGACAAACACAGCCAAATCATCAACAAGTTCGTGAATAGCGTGATCAACACGCTG
L L D K H S Q I I N K F V N S V I N T L
670 690 710
AAAAGCACTGTATCCTCCCTGCTGCAGAAGGAGATATGTCCACTGATCCGCATCTTCATC
K S T V S S L L Q K E I C P L I R I F I
730 750 770
CACTCCCTGGATGTGAATGTCATTGAGGAGTTCGTCGATAATCCTCAGCACAAAACCCAG
H S L D V N V I Q Q V V D N P Q H K T Q
790 810 830
CTGCAAACCCTCATTTGAAGAGGACGAATGAGGAGGACCACTGTGGTGCATGCTGATTGG
L Q T L I *
850 870 890
TTCCCAGTGGCTTGCCCCACCCCTTATAGCATCTCCCTCCAGGAAGCTGCTGCCACCAC
910 930 950
CTAACCGCGTGAAAGCCTGAGTCCCACCAGAAGGACCTTCCCAGATACCCCTTCTCCTC
970 990 1010
ACAGTCAGAACAGCAGCCTCTACACATGTTGTCTGCCCCTGGCAATAAAGGCCCATTTT
TGCAAAAA

FIG. 1

APPROVED	Q. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

	1	50
moPSP	MFQLGSLVVL CGLLIGNSES LLGELGSAVN N.....	...LKILNPP
ratPSP	MFQLGSLVVL CGLLIGTSES LLGDVANAVN N.....	...LDILNSP
ratSMGAPSP	MFQLGSLVVL CGLLIGTSGS LFD.....
HPSP	MLQLWKLVL CGVLTGTSES LLDNLGNDLS NVVDKLEPVL	HEGLETVDNT
	51	100
moPSP	SEAVPQNLNL DVELLQQATS WPLAKNSILE TLNTADLGNL	KSFTSLNGLL
ratPSP	SEAVAQNLNL DVGSLQQATT WPSAKDSILE TLNKVELGNS	NGFTPLNGLL
ratSMGAPSP	...IFQNPEL DVESV.....	WSEINYRIRY ALETMDLML ADYLSKRGIE
HPSP	LKGILEKLKV DLGVLQKSSA WQLAKQKAQE AEKLLNNVIS	KLLPTNTDIF
	101	150
moPSP	.LKINNLKVL DFQAKLSSNG NGIDLTVPPLA GEASLVLPFI	GKTVDISVSL
ratPSP	.LRVNFVRVL DLQAGLSSNG KDIDLKLPLV FEISFSLPVI	GPTLDVAVSL
ratSMGAPSP	.LKIKDLRIL NLNHEVSPNG DEVTLMKMPMA LNASLSLPA	DLTTDVSISM
HPSP	GLKISNSLIL DVKAEPIDG KGLNLSFPVT ANVTVAGPII	GQIINLKASL
	151	200
moPSP	DLINLSIKT NAQTGLPEVT IGKCSSNTDK ISISLLGRRL	PIINSILDGV
ratPSP	DLINSVSVQT NAQTGLPGVT LGKCSGNTDK ISISLLGRRL	PFVNRILDGV
ratSMGAPSP	EAITSFAIEK DPKTGRRVLN MQRCSLNTDN TSISLLNRKS	NFVNALDSA
HPSP	DLLTAVTIET DPQTHQPVAV LGECASDPTS ISLSLLDKHS	QIINKFVNSV
	201	250
moPSP	STLLTSTLST VLQNFLCPPL QYVLS.TLNP SVLQGLLSNL	LAGQVQLAL.
ratPSP	SGLLTGAVSI LLQNILCPVL QYLLS.TMSG SAIQGLLSNV	LTGQLAVPL.
ratSMGAPSP	LYLIKRGTL PVRRLCPVL QLIISNTFHP DEISNPQTAI	ST.....
HPSP	INTLKSTVSS LLQKEICPLI R.IFIHSLDV NVIQQVVDNP	QHKTQLQTLI

FIG. 2

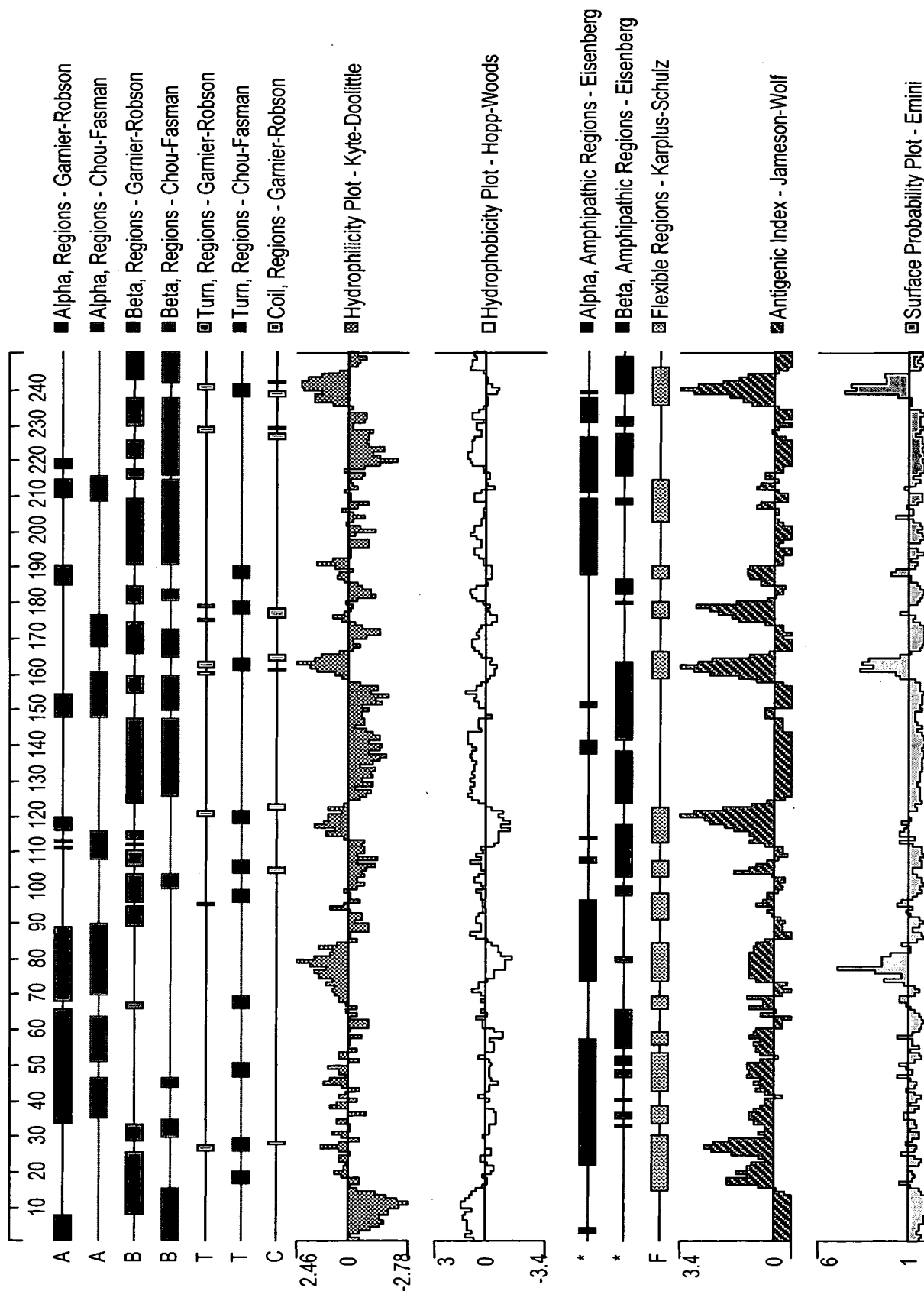


FIG. 3